



PUBLIC NOTICE

File Number: NRS 09.290

Notice Date:
October 7, 2009

Expiration Date:
November 5, 2009

Pursuant to Chapter 1200-4-7 of the Department's rules, the proposed activity described below has been submitted for approval under an Aquatic Resource Alteration Permit (this also includes §401 Water Quality Certifications). This notice is intended to inform interested parties of this permit application and to ask for comments and information necessary to determine possible impacts to water quality. No decision has been made whether to issue or deny this application.

APPLICANT: Tennessee Department of Transportation (TDOT)
Environmental Division
J.K. Polk Building, Suite 900
505 Deaderick Street
Nashville, Tennessee 37243
615-253-2477

LOCATION: The proposed alterations are located at the SR-27 (US-72)/ I-24 Interchange near Kimball/South Pittsburg in Marion County. (Lat: 35.0401°, Long: -85.6903°).

PROJECT DESCRIPTION and PURPOSE: The applicant proposes to construct an exit ramp on the north side of the existing SR-27 (US-72)/ I-24 interchange at Kimball/South Pittsburg. Construction will include the permanent impact to approximately 7.5 acres of wetland, a total of 206 ft. of stream impact in two (2) unnamed tributaries to Battle Creek for culvert extension and partial relocation, and utility relocation. The applicant proposes to provide in-system compensatory mitigation for 7.5 acres of permanent wetland impacts by debiting, at a ratio of 2:1, 15 acres of available credits at the Sequatchie Valley Mitigation site, which is approximately 8.4 miles northeast of the project area. The applicant proposes to provide compensatory mitigation for approximately 206 ft. of stream impacts, using the in-lieu fee program, and making a payment of \$41,200 to the Tennessee Stream Mitigation Program (TSMP).

DEGRADATION: In accordance with the Tennessee Antidegradation Statement (Rule 1200-4-3-.06), the division has determined that the proposed activities will not result in degradation to water quality.

WATERSHED DESCRIPTION:

Watershed:	Guntersville Lake
Hydrologic Unit Code:	06030001
Stream Name(s):	Two (2) unnamed tributaries to Battle Creek, and 3 wetland areas
Designated Use	Use Support
fish and aquatic life	not assessed
recreation	not assessed
irrigation	not assessed
livestock watering and wildlife	not assessed
Ecoregion:	68b

PERMIT COORDINATOR: Chip Hannah

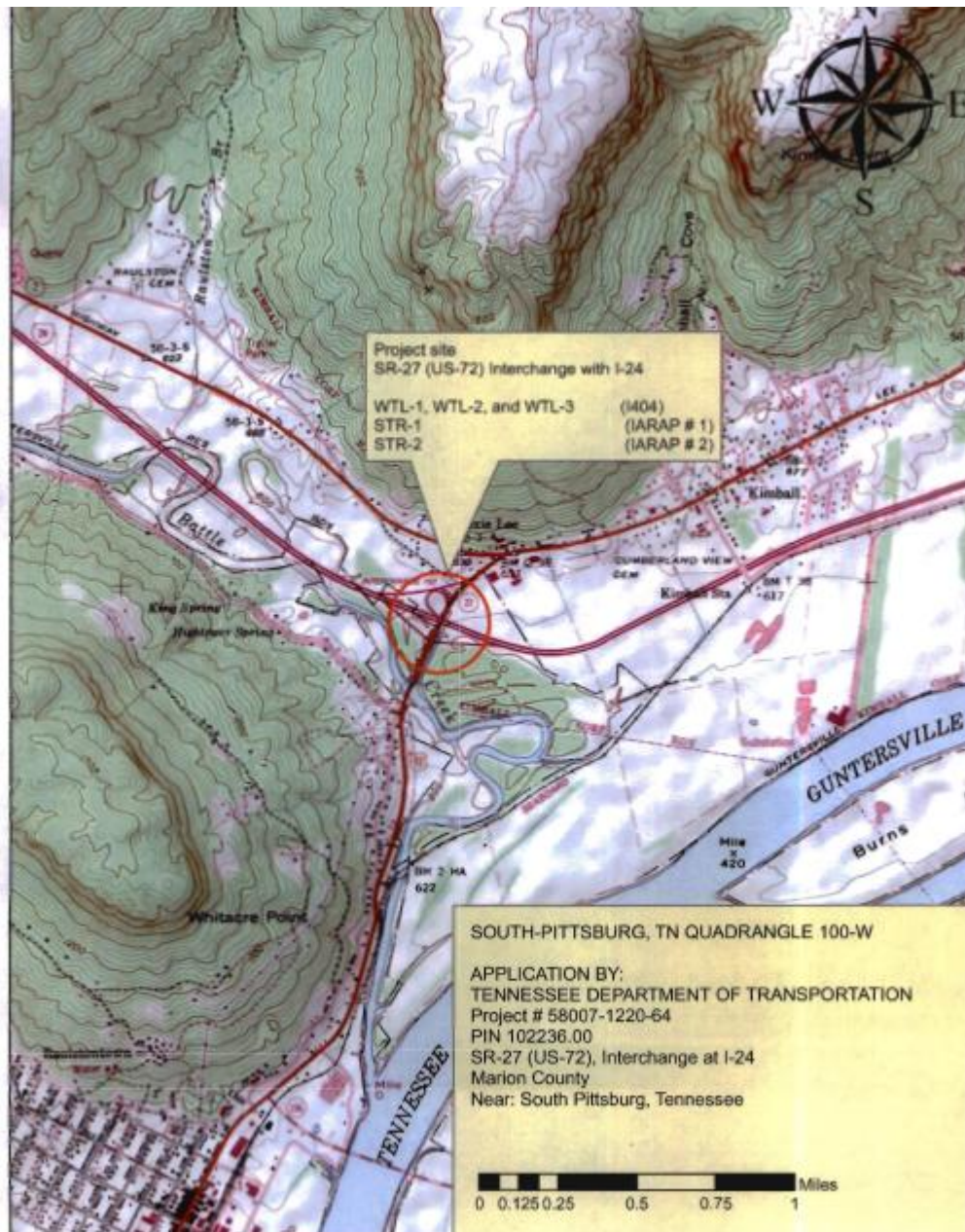
COMMENTING: Persons wishing to comment on the proposal are invited to submit written comments to the Department. Written comments must be received within **thirty (30) days of the date that this notice is posted**. Comments will become part of the record and will be considered in the final decision. The applicant's name and permit number should be referenced. Send all written comments to the Department's address listed below and to the attention of the permit coordinator.

PUBLIC HEARING: Interested persons may request in writing that the department hold a public hearing on this application. The request must be filed within the comment period, indicate the interest of the person requesting it, the reasons that the hearing is warranted, and the water quality issues being raised. When there is sufficient public interest in water quality issues, the Department will hold a public hearing. Send all public hearing requests to the Department's address listed below and to the attention of the permit coordinator.

APPEAL: A petition for permit appeal may be filed, pursuant to T.C.A. §69-3-105 by the permit applicant or by any aggrieved person who participated in the public comment period whose appeal is based upon any of the issues that were provided to the commissioner in writing during the public comment period or in testimony at a formal public hearing on the permit application. Any petition for permit appeal shall be filed with the board within **thirty (30) days** after public notice of the commissioner's decision to issue or deny the permit. Such petition must state in numbered paragraphs the basis of the appeal as required by the Administrative Procedures Act and promulgated regulations. The petition must be prepared on 8½" x 11" paper, addressed to the Water Quality Control Board and filed in duplicate at the address listed below. Any hearing would be in accordance with T.C.A. §§69-3-110 and 4-5-301 et seq.

FILE REVIEW: The permit application, supporting documentation including detailed plans and maps, and related comments are available at the Department's address (listed below) for review and/or copying.

Tennessee Department of Environment & Conservation
Division of Water Pollution Control, Natural Resources Section
7th Floor, L & C Annex
401 Church Street
Nashville, TN 37243
615-532-0645





TENNESSEE R. & L.
DESIGN DIVISION

FILE NO.

CURVE DATA
R1 121+40.00
R2 298+220.00
E 1,053,040.00
S 17° 34' 00" E
D 17' 00" 90'
S 1,053.00
L 1,053.00
T 212.36
S 0.000 P1.01
DESIGN SPEED 30 MPH
TRAFFIC 1200/HR 200



CURVE DATA
R1 513+11.00
R2 201+400.00
E 2,040,000.00
S 30° 01' 57" E
D 57' 00" 90'
S 1,000.00
L 840.00
T 240.00
S 0.000 P1.01
DESIGN SPEED 30 MPH
TRAFFIC 1200/HR 200

CURVE DATA
R1 708+20.00
R2 101+200.00
E 2,040,000.00
S 27° 30' 24" E
D 57' 00" 90'
S 1,000.00
L 840.00
T 240.00
S 0.000 P1.01
DESIGN SPEED 30 MPH
TRAFFIC 1200/HR 200

MCCORMACK MARJORIE
307 NELSON LANE
50 PITTSBURG, TN 37380
MAP 133 PARCEL 006-00
BOOK TV, PAGE 11
2.3 AC.

GRAY J D (HEIRS)
C/O JERRY PHILLIPS
10 PINECREST LANE
KIMBALL, TN 37347
MAP 133 PARCEL 121
BOOK PPP, PAGE 305
5 AC.

RELOCATE STA 2
STA 126+40.00 TO
STA 126+44.00

LIMIT OF CONSTRUCTION
STA. 126+25.00
N 258119.57
E 2059526.86

LOFTY W N
517 RUSSELL ST
DUNLAP, TN 37327
MAP 133 PARCEL 113-02
BOOK 91, PAGE 561
7.14 AC.

off site
wetlands

WETLANDS IMPACT AREAS	
TEMPORARY IMPACTS	PERMANENT IMPACTS
W1-1 0.55 AC	W1-1 7.38 AC
W1-2 0.15 AC	W1-2 0.0 AC
W1-3 0.75 AC	W1-3 0.12 AC

TYPE	YEAR	PROJECT NO.	REV.
PRELIM	2006	APD-06-27143	1
DESIGN	2007	APD-07-27145	1
CONSTRUCTION	2008	APD-08-27146	1

COORDINATE VALUES ARE BASED UPON
THE 1983 DATUM ADJUSTED BY THE
FACTOR 0.999963 & TIED TO THE 1983
STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
PRESENT LAYOUT
STA. 126+25 TO STA. 126+00
SCALE: 1" = 50'

MATCHLINE STA. 136+00 SEE SHEET 5

TRACT NO. (2)

USA

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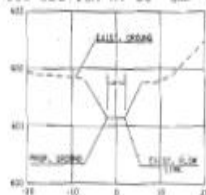
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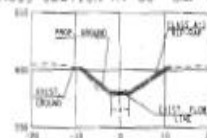
STANDARD PLAN
SECTION ELEVATION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PROJ. PLAN	2000	APD-99-071-421	54
CONV.	2000	99-271-451	45
CONST.	2000	APD-99-071-461	46

CROSS-SECTION AT 60° CMP INLET



CROSS-SECTION AT 60° CMP OUTLET



LIMIT OF CONSTRUCTION
STA. 126+25.00
N 258119.57
E 2059526.86

offset
locations

SEE ENVIRONMENTAL MITIGATION
PLAN FOR TREE PLANTING INFORMATION
SHEET NUMBER 200

MATCHLINE STA. 136+00 SEE SHEET 5B

SEE ENVIRONMENTAL MITIGATION
PLAN FOR TREE PLANTING INFORMATION
SHEET NUMBER 200

TEMPORARY IMPACTED WETLANDS UNIMPACTED WETLANDS
THE RAMP SHOULD BE IMBEDDED INTO THE SOIL SUCH THAT THE TOP
OF THE RAMP IS FLUSH WITH THE BOTTOM AND SIDES OF THE CHANNEL.
THE RAMP IS FILLED WITH MATERIAL SIMILAR TO THE ORIGINAL CHANNEL
BOTTOM, AND THE WATER WILL FLOW OVER TOP OF THE IMBEDDED RAMP
AND SOIL MATERIAL TO DOUBLE THE WATER TO BE AVAILABLE.

COORDINATE VALUES ARE TWO-DIGIT
AND ARE GIVEN IN FEET ON THE
HORIZONTAL AND FEET ON THE VERTICAL

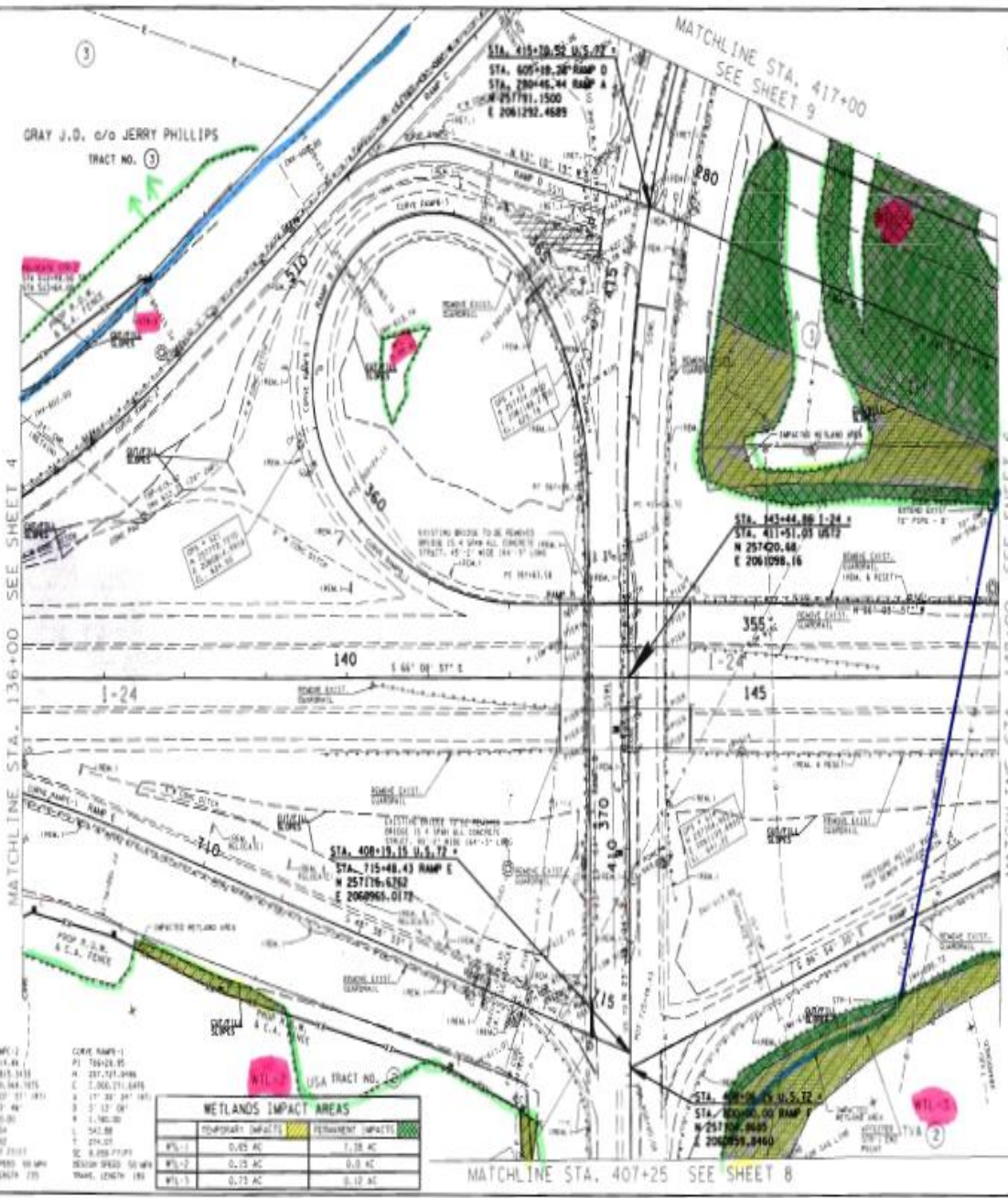
STATE OF IOWA
DEPARTMENT OF TRANSPORTATION

PROPOSED
LAYOUT

STA. 126+25 TO STA. 136+00

SCALE: 1" = 40'

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION
FILE NO.



TYPE	DATE	PROJECT NO.	SHEET NO.
PRELIM	12/08	APD-90-271-401	1
REV	12/08	90-271-401	1
CONV	12/08	APD-90-271-401	1

CURVE RAMP-1	CURVE RAMP-2
PI 359+15.71	PI 361+77.54
PC 297.548.1138	PC 297.547.9358
PT 2.360.891.1799	PT 2.360.799.2262
EA 49° 50' 30" (S)	EA 50° 10' 30" (S)
DA 27° 00' 30"	DA 30° 11' 30"
EA 300.00	EA 100.00
LA 240.51	LA 100.00
TA 120.25	TA 100.00
SE 0.000 P1/P1	SE 0.000 P1/P1
DESIGN SPEED: 30 MPH	DESIGN SPEED: 30 MPH
TRAIL LENGTH: 100	TRAIL LENGTH: 100

CURVE RAMP-3	CURVE RAMP-4
PI 364+11.52	PI 364+11.52
PC 251.047.1248	PC 251.047.1248
PT 2.361.204.4133	PT 2.361.204.4133
EA 30° 10' 30" (S)	EA 30° 10' 30" (S)
DA 30° 11' 30"	DA 30° 11' 30"
EA 300.00	EA 300.00
LA 240.51	LA 240.51
TA 120.25	TA 120.25
SE 0.000 P1/P1	SE 0.000 P1/P1
DESIGN SPEED: 30 MPH	DESIGN SPEED: 30 MPH
TRAIL LENGTH: 100	TRAIL LENGTH: 100

CURVE RAMP-5	CURVE RAMP-6
PI 368+11.15	PI 368+11.15
PC 251.047.1248	PC 251.047.1248
PT 2.361.204.4133	PT 2.361.204.4133
EA 30° 10' 30" (S)	EA 30° 10' 30" (S)
DA 30° 11' 30"	DA 30° 11' 30"
EA 300.00	EA 300.00
LA 240.51	LA 240.51
TA 120.25	TA 120.25
SE 0.000 P1/P1	SE 0.000 P1/P1
DESIGN SPEED: 30 MPH	DESIGN SPEED: 30 MPH
TRAIL LENGTH: 100	TRAIL LENGTH: 100

CURVE RAMP-7	CURVE RAMP-8
PI 372+11.15	PI 372+11.15
PC 251.047.1248	PC 251.047.1248
PT 2.361.204.4133	PT 2.361.204.4133
EA 30° 10' 30" (S)	EA 30° 10' 30" (S)
DA 30° 11' 30"	DA 30° 11' 30"
EA 300.00	EA 300.00
LA 240.51	LA 240.51
TA 120.25	TA 120.25
SE 0.000 P1/P1	SE 0.000 P1/P1
DESIGN SPEED: 30 MPH	DESIGN SPEED: 30 MPH
TRAIL LENGTH: 100	TRAIL LENGTH: 100

CURVE RAMP-9	CURVE RAMP-10
PI 376+11.15	PI 376+11.15
PC 251.047.1248	PC 251.047.1248
PT 2.361.204.4133	PT 2.361.204.4133
EA 30° 10' 30" (S)	EA 30° 10' 30" (S)
DA 30° 11' 30"	DA 30° 11' 30"
EA 300.00	EA 300.00
LA 240.51	LA 240.51
TA 120.25	TA 120.25
SE 0.000 P1/P1	SE 0.000 P1/P1
DESIGN SPEED: 30 MPH	DESIGN SPEED: 30 MPH
TRAIL LENGTH: 100	TRAIL LENGTH: 100

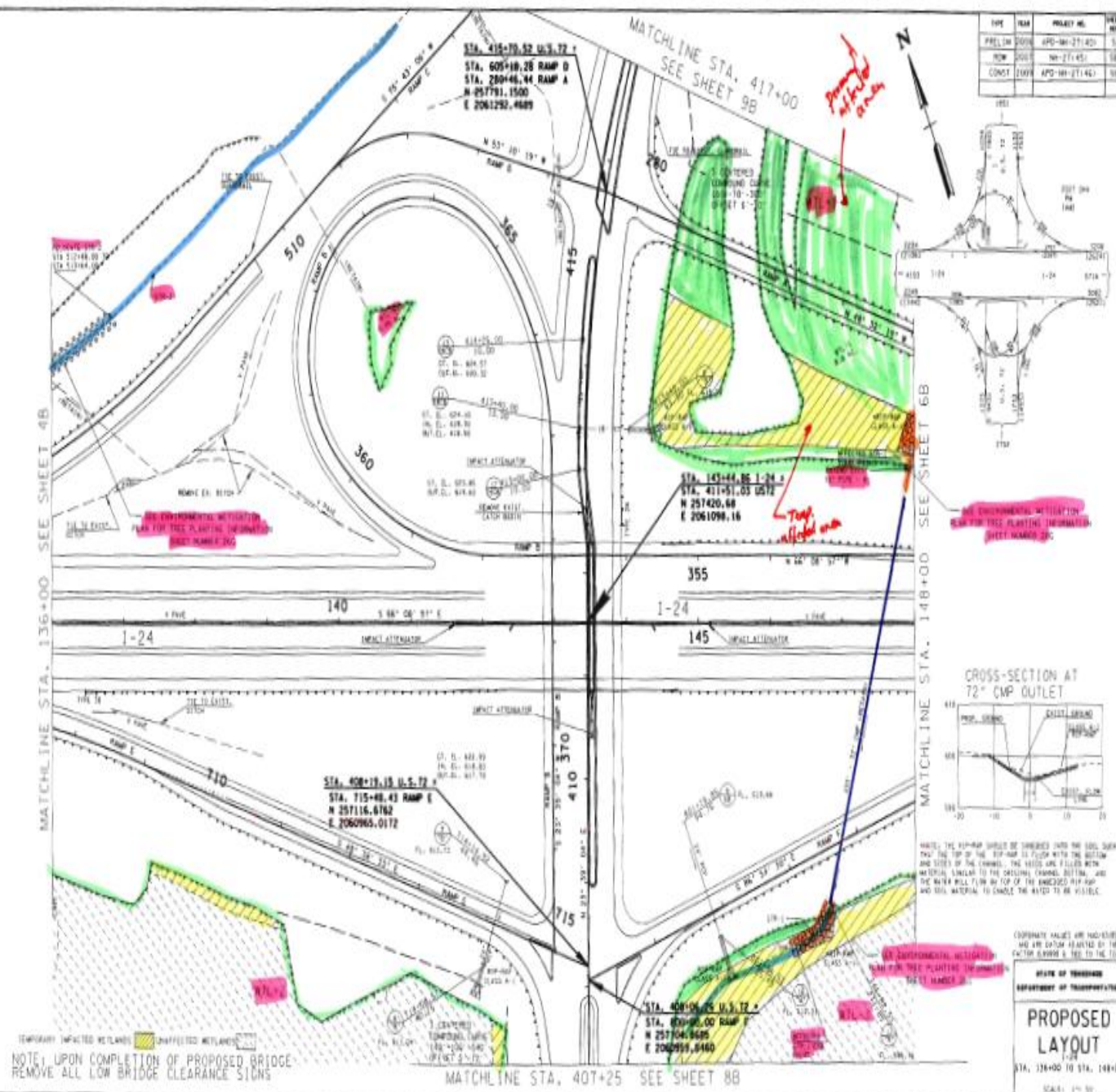
COORDINATE VALUES ARE BASED UPON
AND ARE EXTENDED BY THE
FACTORS 0.00015 AND 0.00015

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT
1-24
STA. 136+00 TO STA. 148+00
SCALE: 1" = 50'

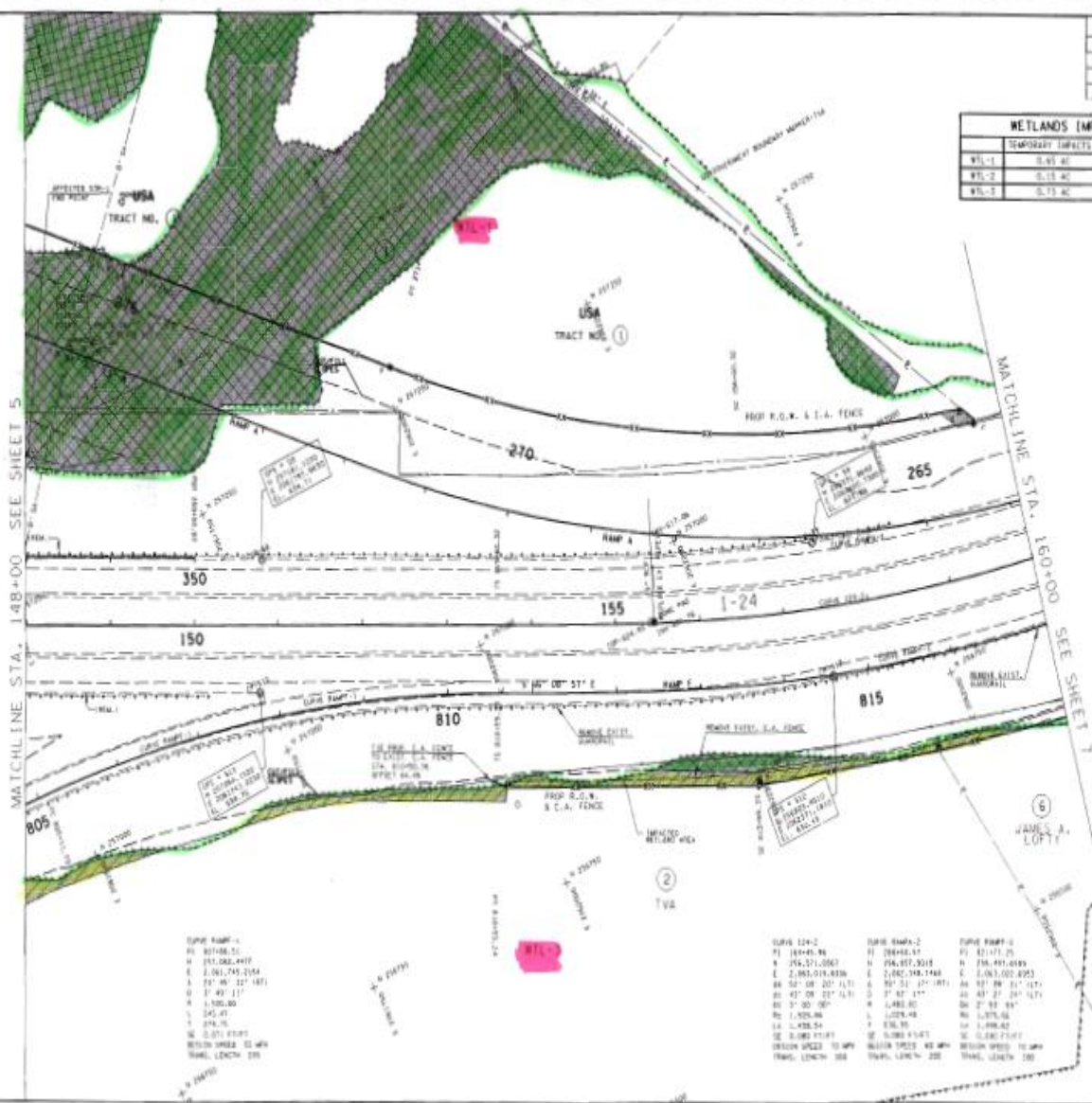
WETLANDS IMPACT AREAS	
TEMPORARY IMPACTS	PERMANENT IMPACTS
W1-1 0.05 AC	W1-1 1.38 AC
W1-2 0.25 AC	W1-2 0.0 AC
W1-3 0.25 AC	W1-3 0.12 AC

TYPE	YEAR	PROJECT NO.	NO. OF
PRELIM	2006	APD-181-271420	5
ROW	2007	NH-271451	12
CONST	2009	APD-181-271463	31



TYPE	YEAR	PROJECT NO.	STATUS
PRELIM	2006	APR-06-27140	1
TRC	2007	06-27140	2
CONST	2008	APR-08-27146	3

WETLANDS IMPACT AREAS		
	TEMPORARY IMPACTS	PERMANENT IMPACTS
WTL-1	0.65 AC	7.28 AC
WTL-2	0.15 AC	0.0 AC
WTL-3	0.75 AC	0.0 AC



TEMPERATURE VALUES ARE (deg)-DEGREES
AND ARE OBTAINED BY THE
FACTOR 0.00095 X T TO THE POWER

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

PRESENT
LAYOUT

STA. 145+00 TO STA. 160+00

SCALE: 1 to 50

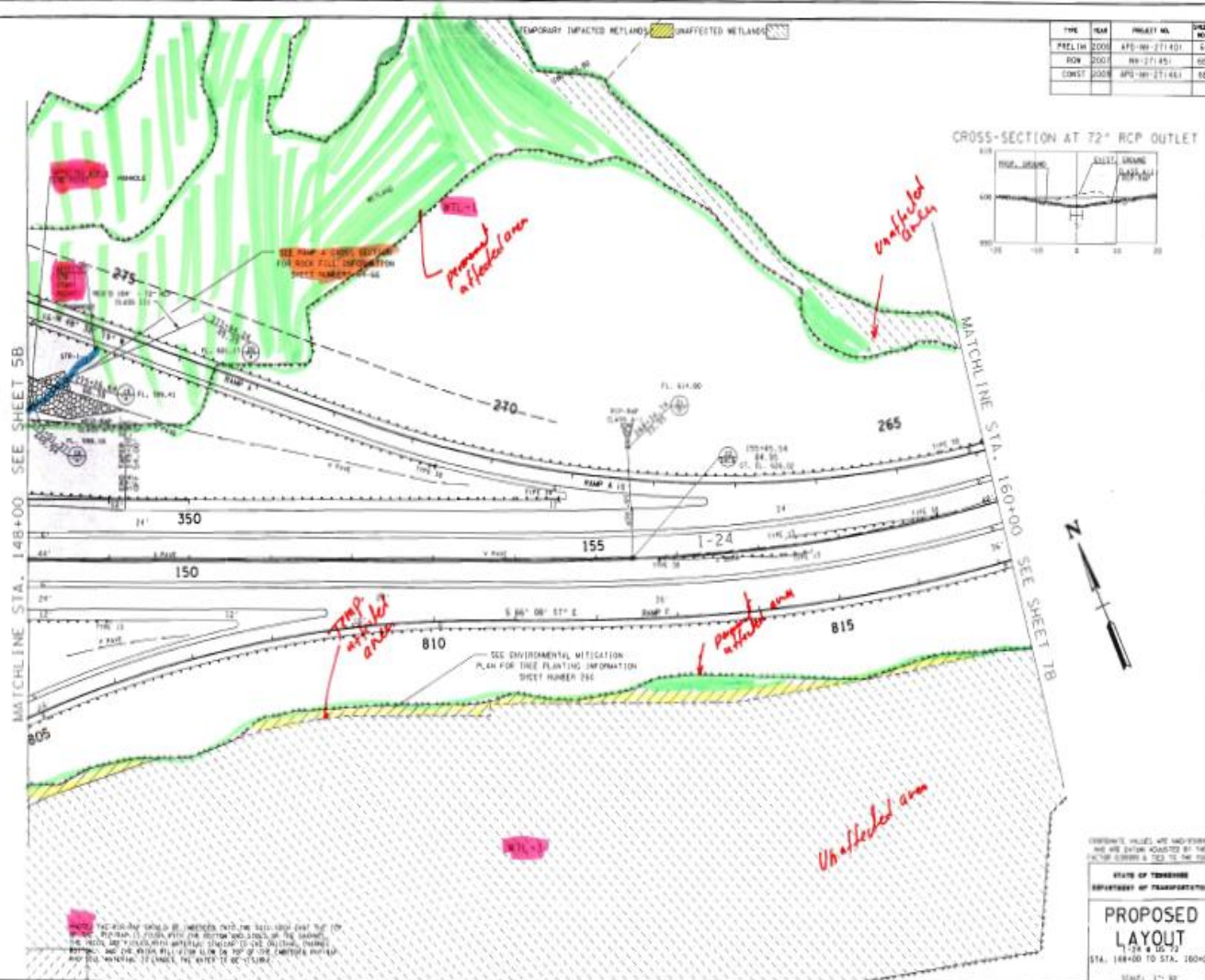
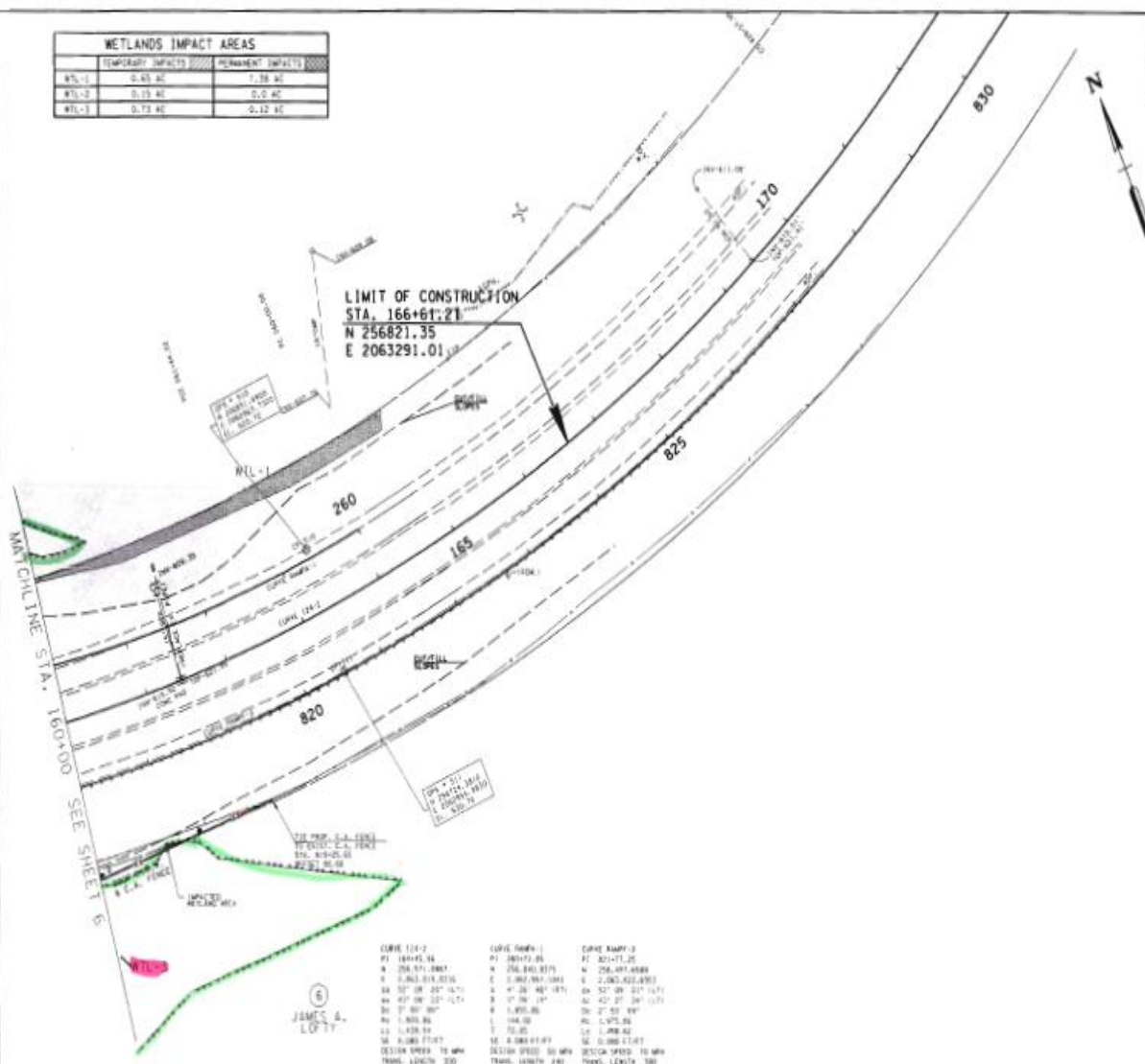


TABLE 10. (continued)

WETLANDS IMPACT AREAS		
	TEMPORARY IMPACTS	PERMANENT IMPACTS
WTL-1	0.65 AC	1.38 AC
WTL-2	0.19 AC	0.0 AC
WTL-3	0.73 AC	0.12 AC

TYPE	YEAR	PROJECT NO.	STATUS
PPFEL SW	2009	APD-WF-271451	
ROW	2017	WF-271451	
CONG	2009	APD-WF-271451	



COORDINATE VALUES ARE NAD83/9000
AND WFE DATUM ADJUSTED BY THE
FACTOR 0.00000000000000000000

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

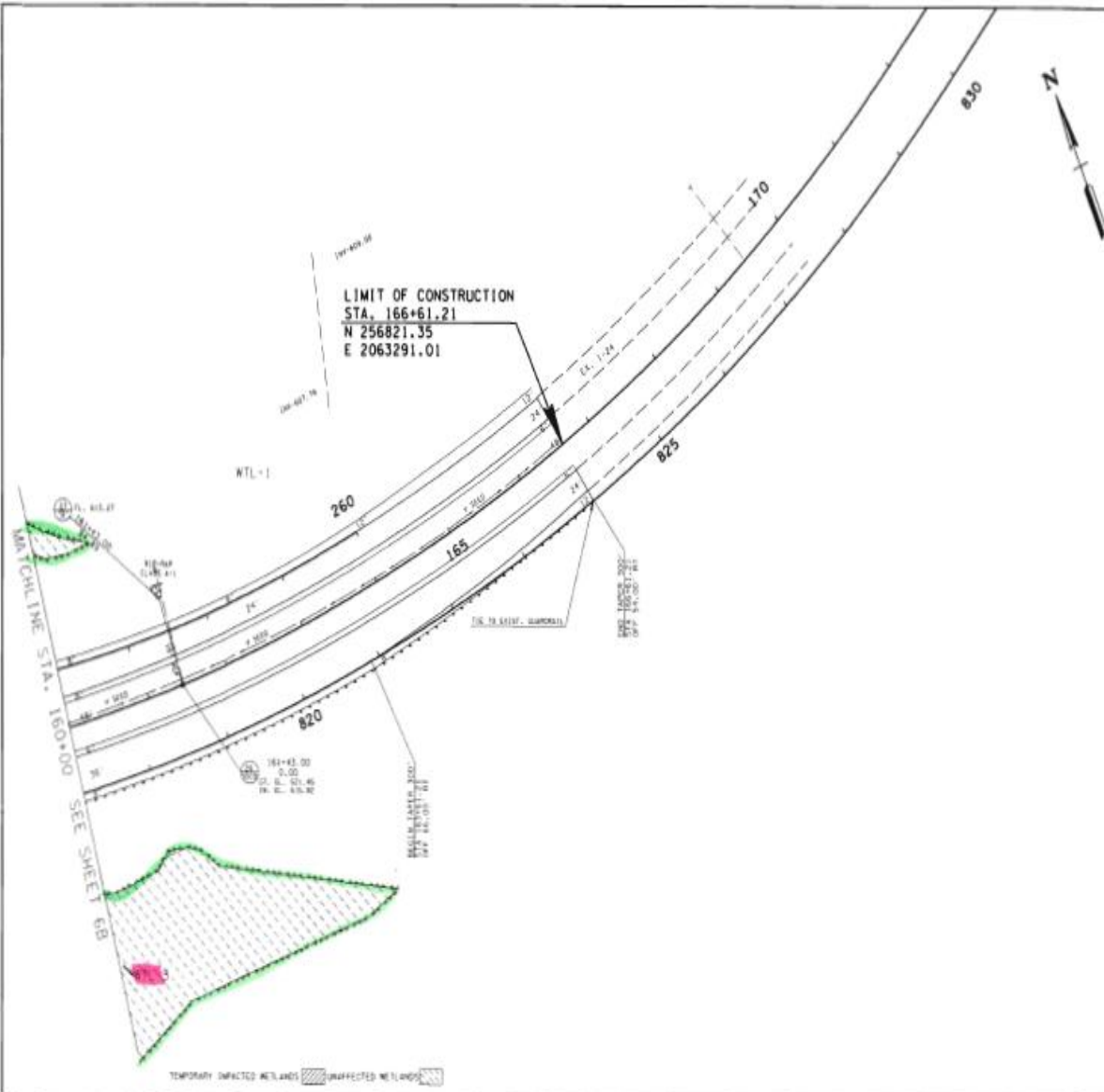
PRESENT
LAYOUT

STA. 160+00 TO STA. 166+00

1548 J. Neurosci., July 12, 1997, 17(14):1543-1552

TENNESSEE D.O.T.
 DESIGN DIVISION
 FILE NO.

TYPE	DATE	PROJECT NO.	SHEET NO.
PREL. DR.	11/06	APD-189-271-450	14
PLAN	11/07	189-271-450	15
CONC.	10/08	APD-189-271-450	16



COORDINATE VALUES ARE UNADJUSTED
 AND ARE EXACT AS SUBMITTED BY THE
 FACTOR SURVEY & TIED TO THE TOWN

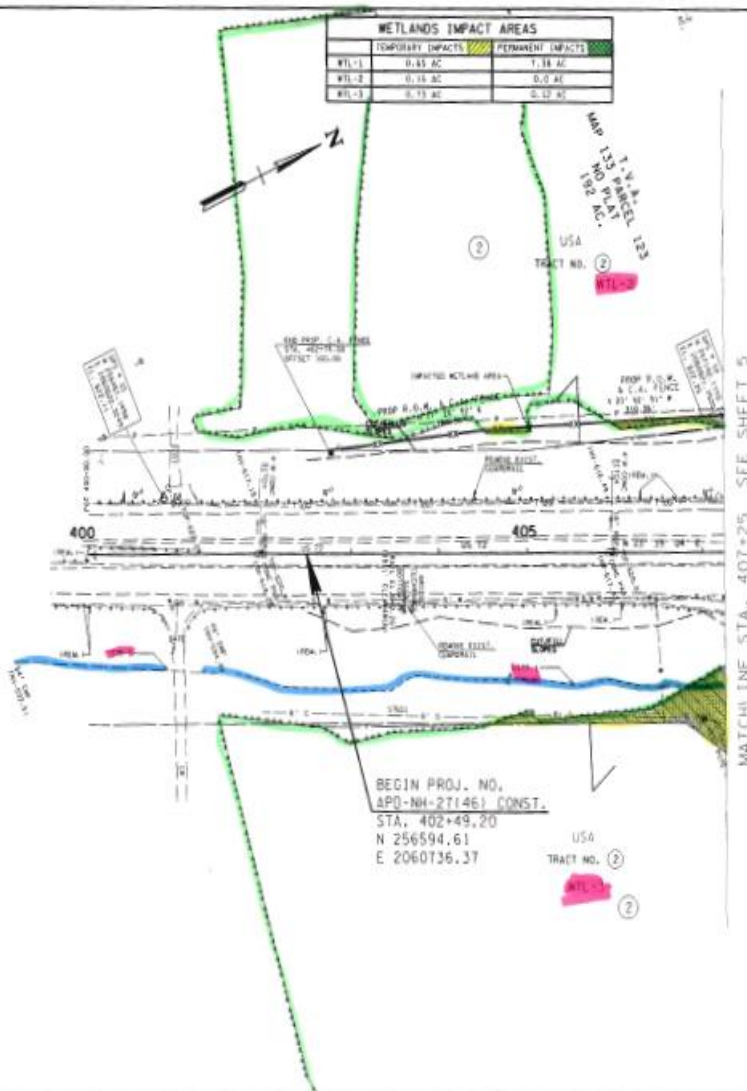
STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

PROPOSED LAYOUT
 STA. 160+00 TO STA. 166+61.21
 SCALE: 1" = 50'

FILE NO.

	TEMPORARY IMPACTS	PERMANENT IMPACTS
WTL-1	0.45 AC	1.38 AC
WTL-2	0.16 AC	0.0 AC
WTL-3	0.75 AC	0.12 AC

TYPE	YEAR	PROJECT NO.	STATUS
PRELIM	2003	APD-W-271401	
FIN	2003	101-271451	
CONST	2008	APD-W-271461	



COORDINATE VALUES ARE HAD-RADON
AND ARE BATHY ADJUSTED BY THE
FACTOR CLIMB & TID TO THE TIDE

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

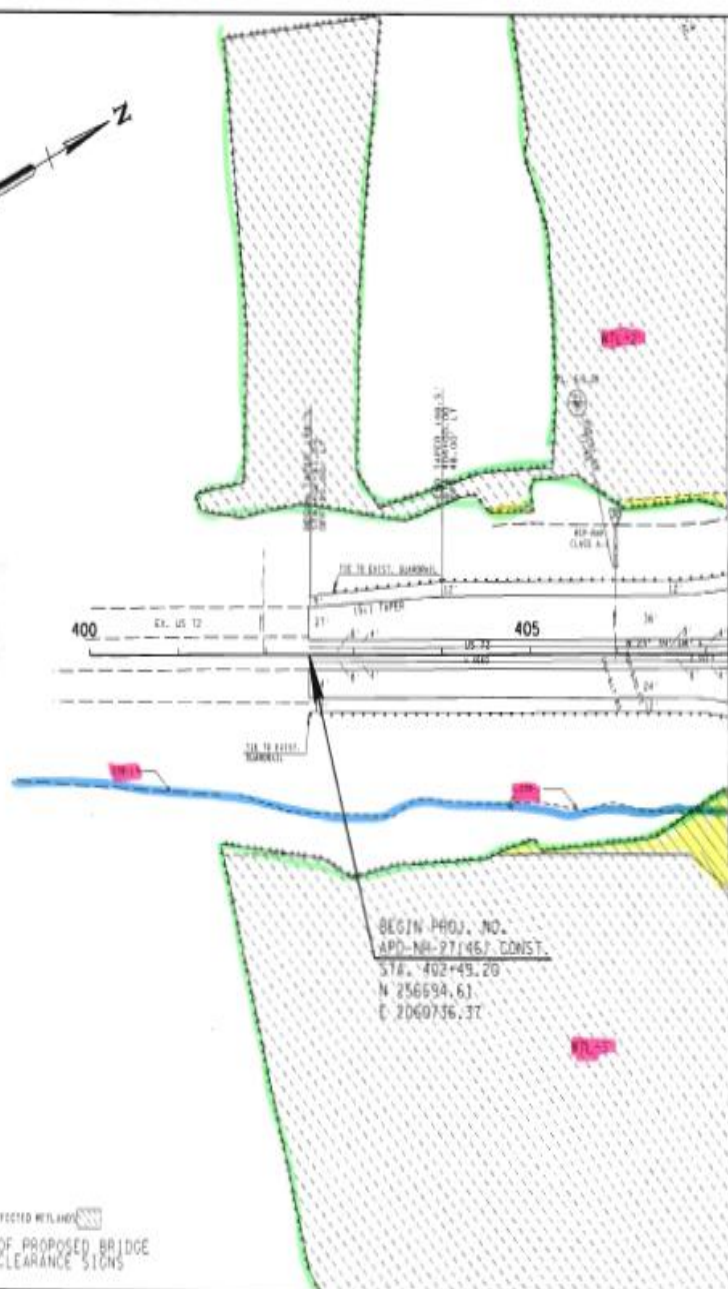
PRESENT
LAYOUT

1572 01-20
STA. 800-88 TO STA. 800-89

2000年12月

TOWN OF D. O. Y.
 DESIGN DIVISION
 FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2006	APD-NH-27146J	5A
ROW	2007	NH-27146J	5B
CONST	2008	APD-NH-27146J	5B



TEMPORARY IMPACTED WETLANDS
 UNIMPACTED WETLANDS
 NOTE: UPON COMPLETION OF PROPOSED BRIDGE
 REMOVE ALL LOW BRIDGE CLEARANCE SIGNS

COORDINATE VALUES ARE HORIZONTAL
 AND ARE NOT RELEVANT TO THE
 FACTOR OF SAFETY & TO THE TOWN

STATE OF TENNESSEE
 DEPARTMENT OF TRANSPORTATION

**PROPOSED
LAYOUT**
 STA. 402+49 TO STA. 407+25
 SCALE: 1" = 40'

PROJECT NO. 2002-01-01
DESIGN DIVISION

FILE NO.

DATE: 02/12/02
BY: [Signature]
CHECKED: [Signature]
APPROVED: [Signature]
DESIGN SPEED: 45 MPH
TRAFFIC: 1000 VPD

DATE: 02/12/02
BY: [Signature]
CHECKED: [Signature]
APPROVED: [Signature]
DESIGN SPEED: 45 MPH
TRAFFIC: 1000 VPD

DATE	BY	PROJECT NO.	SHEET NO.
02/12/02	[Signature]	2002-01-01	1
02/12/02	[Signature]	2002-01-01	2
02/12/02	[Signature]	2002-01-01	3



END PROJ. NO.
APD-NH-271461 CONST.
STA. 419+25.00
N 258040.57
E 2061542.47

500

MATCHLINE STA. 417+00
SEE SHEET 5



WETLANDS IMPACT AREAS	
TEMPORARY IMPACTS	PERMANENT IMPACTS
WTL-1 0.45 AC	7.38 AC
WTL-2 0.18 AC	0.0 AC
WTL-3 0.13 AC	0.12 AC

COORDINATE VALUES AND ELEVATIONS
AND ARE DATUM ADJUSTED BY THE
FEDERAL BUREAU OF SURVEY TO THE 1983

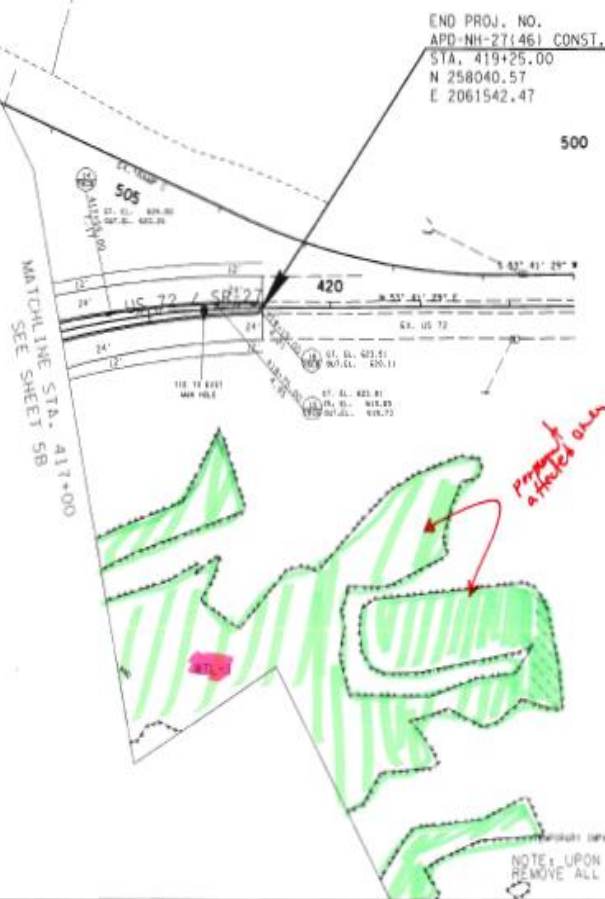
STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION

PRESENT LAYOUT

STA. 417+00 TO STA. 422+70
SCALE: 1"=50'

THAMES VALLEY, D.C. & T.
DESIGN DIVISION
FILE NO.

TYPE	YEAR	PROJECT NO.	SHEET NO.
PRELIM	2000	APD-NH-27(46)	54
CON	2007	NH-27(45)	55
CON	2009	APD-NH-27(46)	56



END PROJ. NO.
APD-NH-27(46) CONST.
STA. 419+25.00
N 258040.57
E 2061542.47

500

MATCHLINE STA. 417+00
SEE SHEET 5B

Proposed structure over

COORDINATE VALUES ARE TWO-DIGIT
AND ARE ROUNDED UP BY THE
FACTORS GIVEN IN THE TO THE TOP

STATE OF NEW HAMPSHIRE
DEPARTMENT OF TRANSPORTATION

**PROPOSED
LAYOUT**

US 72
STA. 417+00 TO STA. 422+10

SCALE: 1" = 50'

NOTE: UPON COMPLETION OF PROPOSED BRIDGE
REMOVE ALL LOW BRIDGE CLEARANCE SIGNS

TEMPORARILY IMPACTED WETLANDS UNIMPACTED WETLANDS